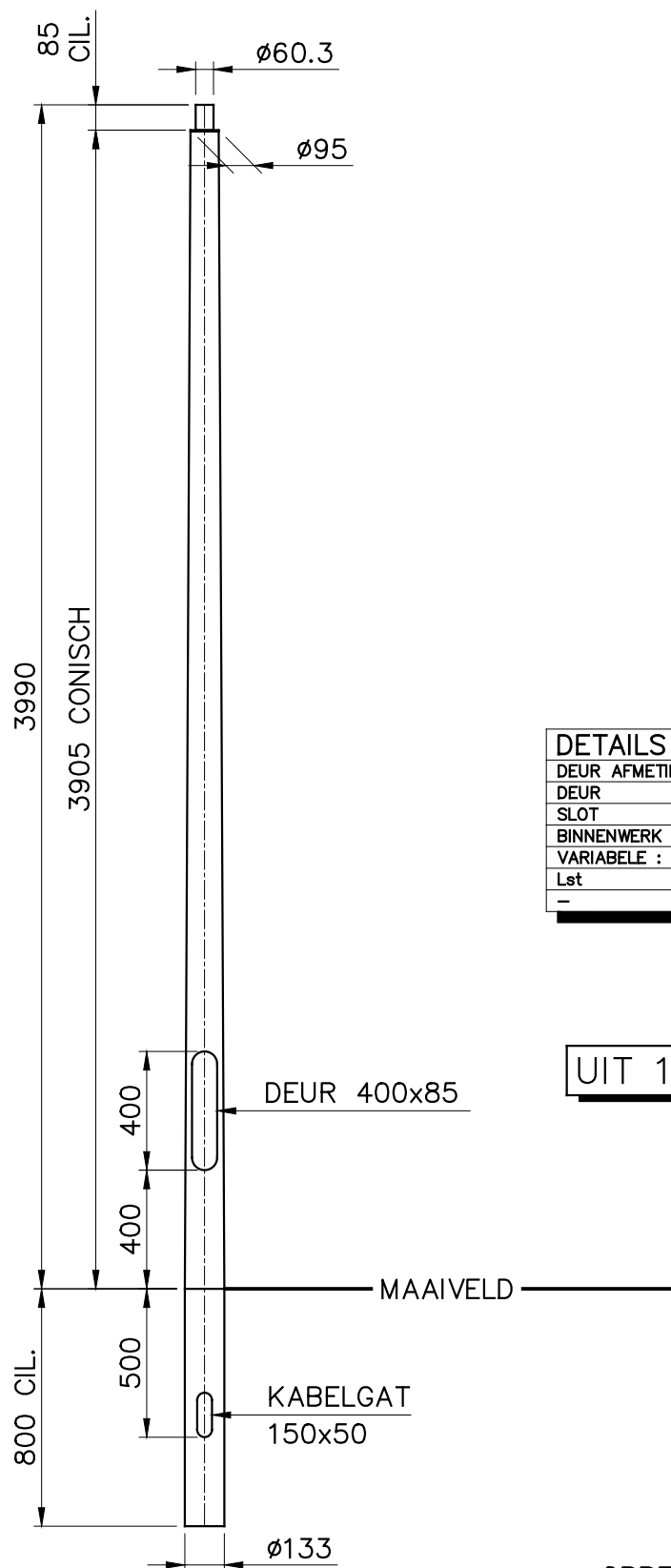


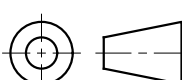


DETAILS		
DEUR AFMETINGEN:	H= 400	B=85
DEUR :	DR01	
SLOT :	ST01	
BINNENWERK :	BW01	
VARIABLE :	WAARDE :	
Lst	70	
-	-	

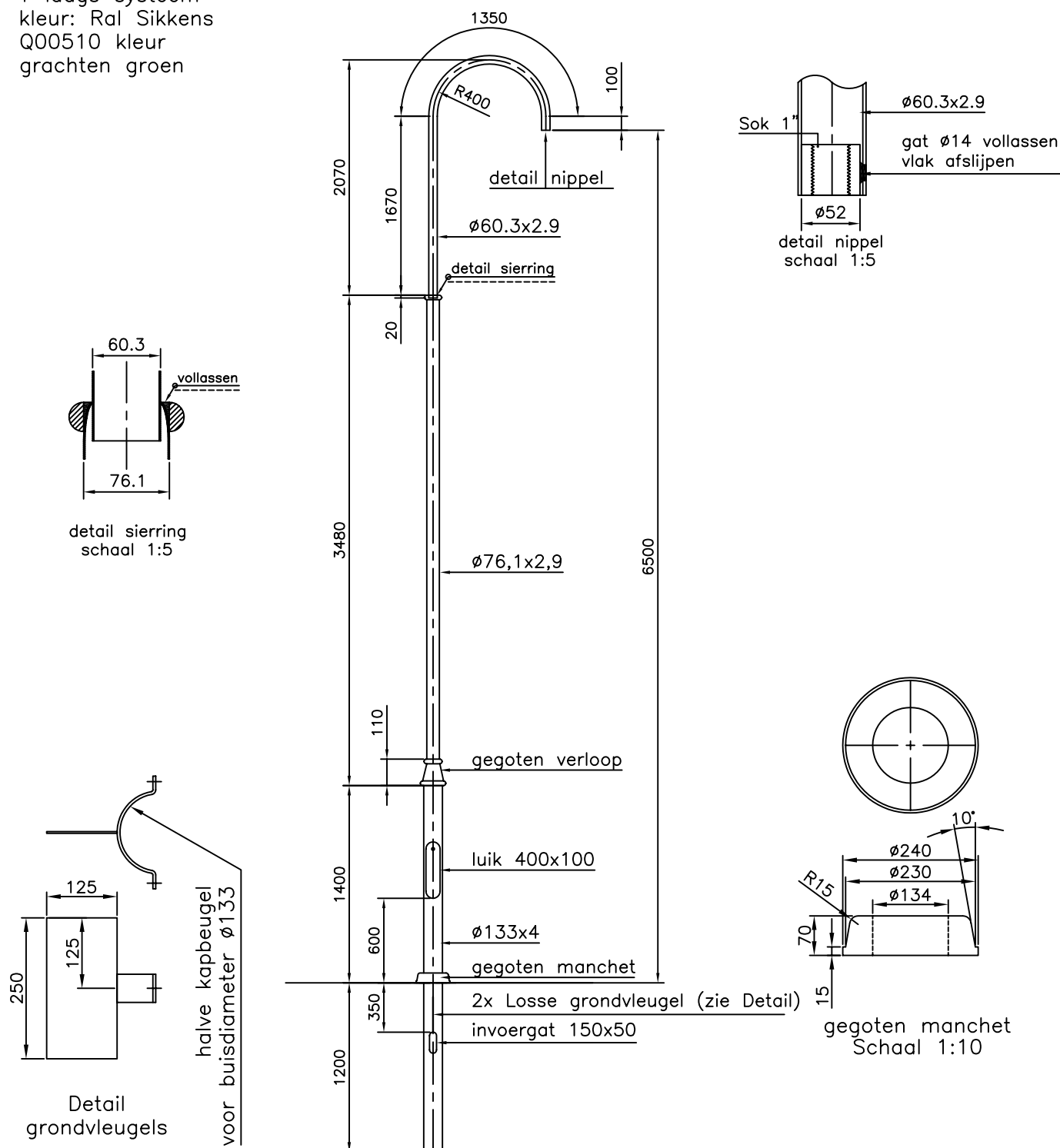
UIT 1 BUIS GETROKKEN

OPPERVLAKTE BEHANDELING:

- THERMISCH VERZINKT VLGS. EN ISO 1461.
- POEDERCOATEN RAL MET EEN MINIMALE DROGE LAAGDIKTE VAN 80 MICRON.

C	—	—	—	Bijz.: —				P.M.F. Machinefabriek Veendam B.V. POSTBUS 290 NL-9640 AG VEENDAM Tel. (+31) 598-613290 Fax. (+31) 598-621089	
B	—	—	—	Schaal:	1: 25	Datum:			
A	—	—	—	Getek.:	KG	19-03-2018			
Wijz. Omschrijving		Datum:	Par:						
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							<u>TEKENING NR:</u> A4-4751V	<u>WIJZ</u> —	

Poedercoaten vlgs.
1 laags systeem
kleur: Ral Sikkens
Q00510 kleur
grachten groen



revisie: B (25-10-2006)

DBL Verlichting

Woolderbeekweg 11 7553BZ Hengelo
Tel: 074-2501736 Fax: 074-2501705

opdrachtgever:

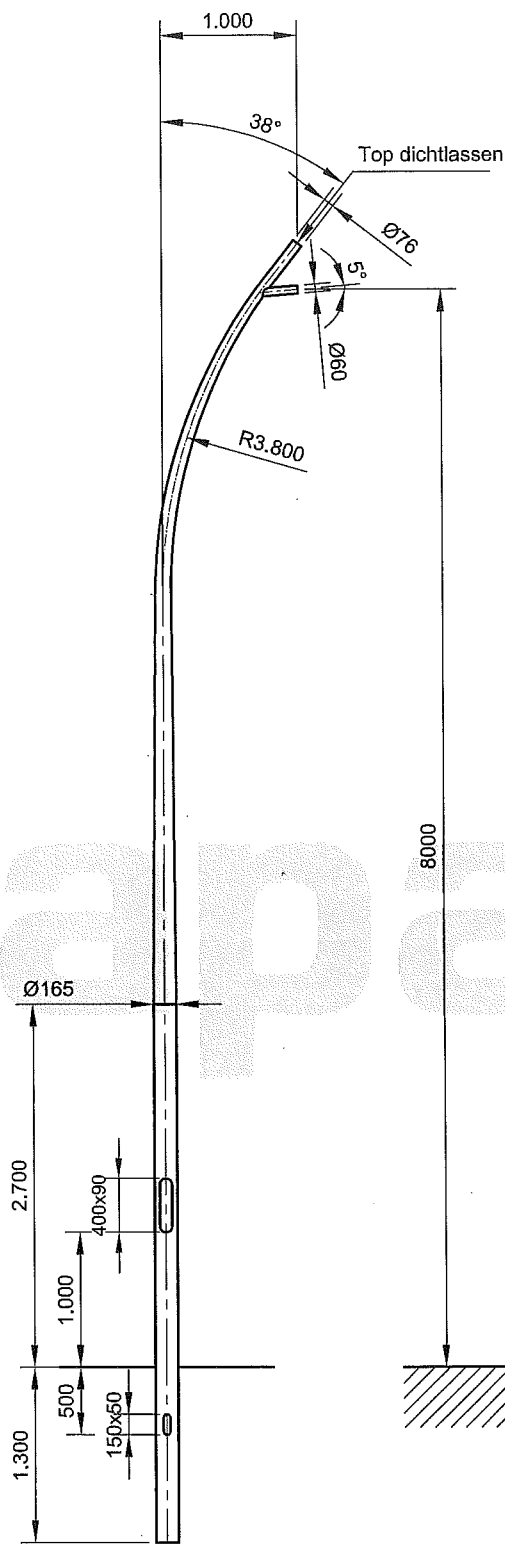
project: Design mast + booguitl. lph6,5m

schaal: 1:35

formaat:A4

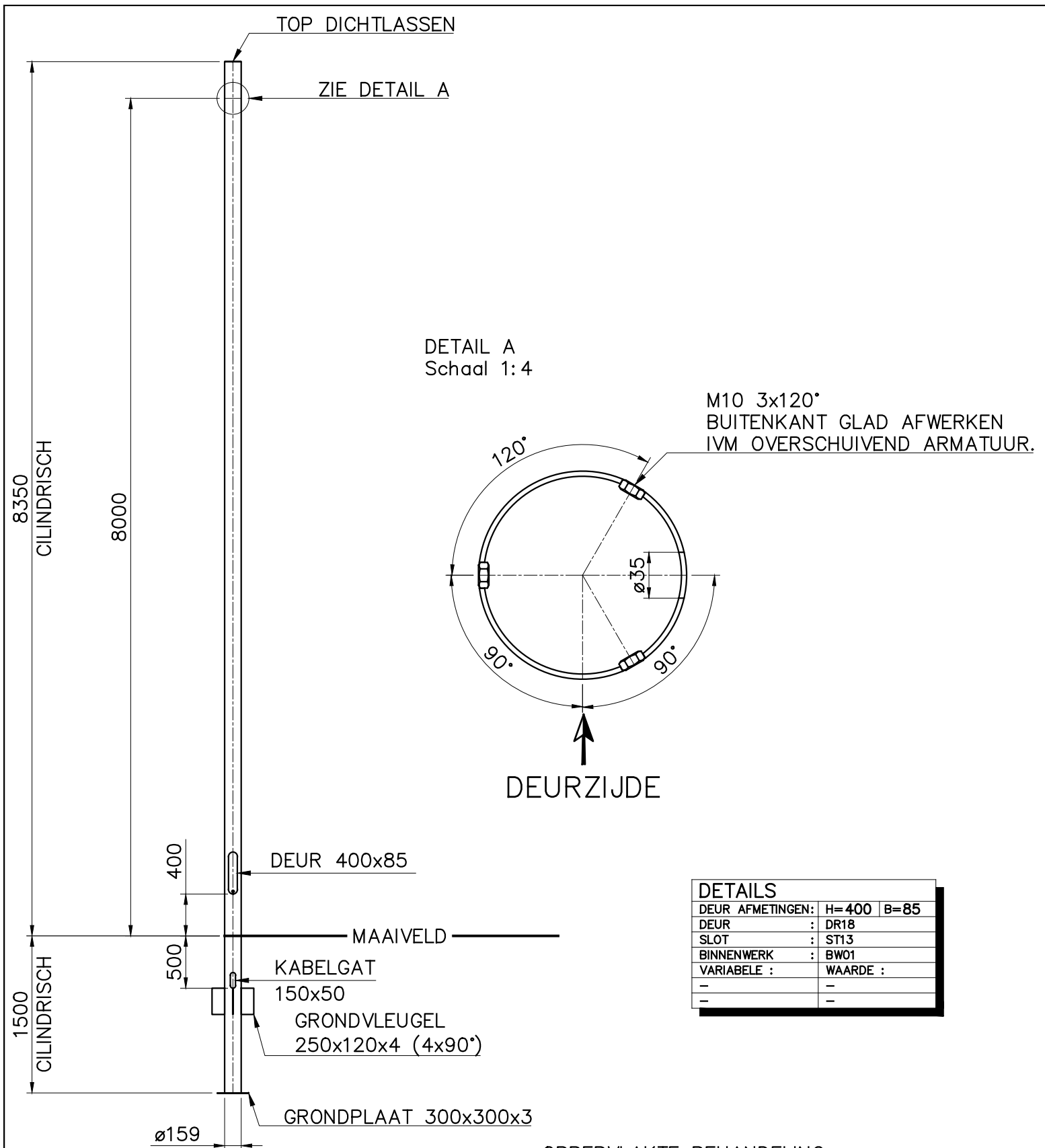
datum: 17-03-2005

filename: 8112380



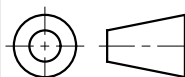
GEWICHT: 45.5 kg
WANDDIKTE: 3.3

ITEMNO.	QUANTITY	DESCRIPTION	MATERIAL	DIMENSIONS	REMARKS
sapa: Sapa Pole Products Alcoalaan 1 - 5151 RW Drunen Postbus 75 - 5150 AB Drunen Tel/Fax: +31(0)416-386100/230					
THIS DRAWING REMAINS PROPERTY OF SAPA POLE PRODUCTS IN DRUNEN AND MAY WITHOUT PERMISSION OF THE OWNER NOT BE MULTIPLIED, BE USED FOR THIRD PARTIES OR BE GIVEN TO THIRD PARTIES FOR PERUSAL.		AM.PROJ. 	SURFACE ROUGHNESS CENTER LINE AVERAGE RA (CLA) IN µm BY ISO1302	DIMENSIONS TOLERANCES BY: EN40 UNLESS OTHERWISE STATED	DRAWN BY MRe CHECKED BY (SIGNATURE) SCALE 1:55
FORMAT A4	REMARK - TITLE Con. geb lichtmast 8.00m	MATERIAL EN AW-6060 T66		DRAWINGNUMBER 29.027.080.09	DATE 05-02-07 MODE 0



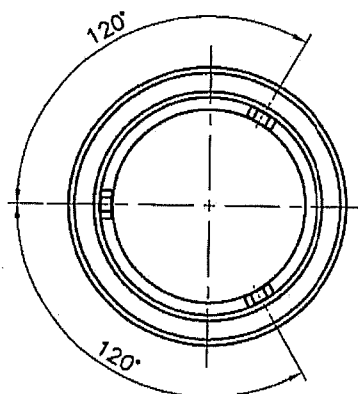
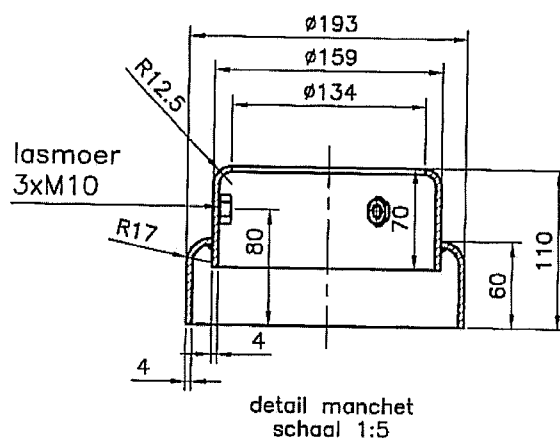
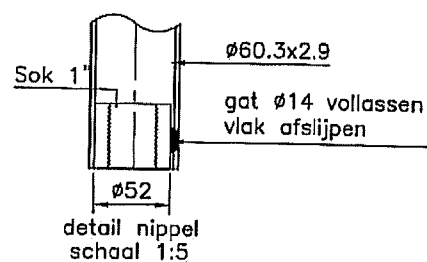
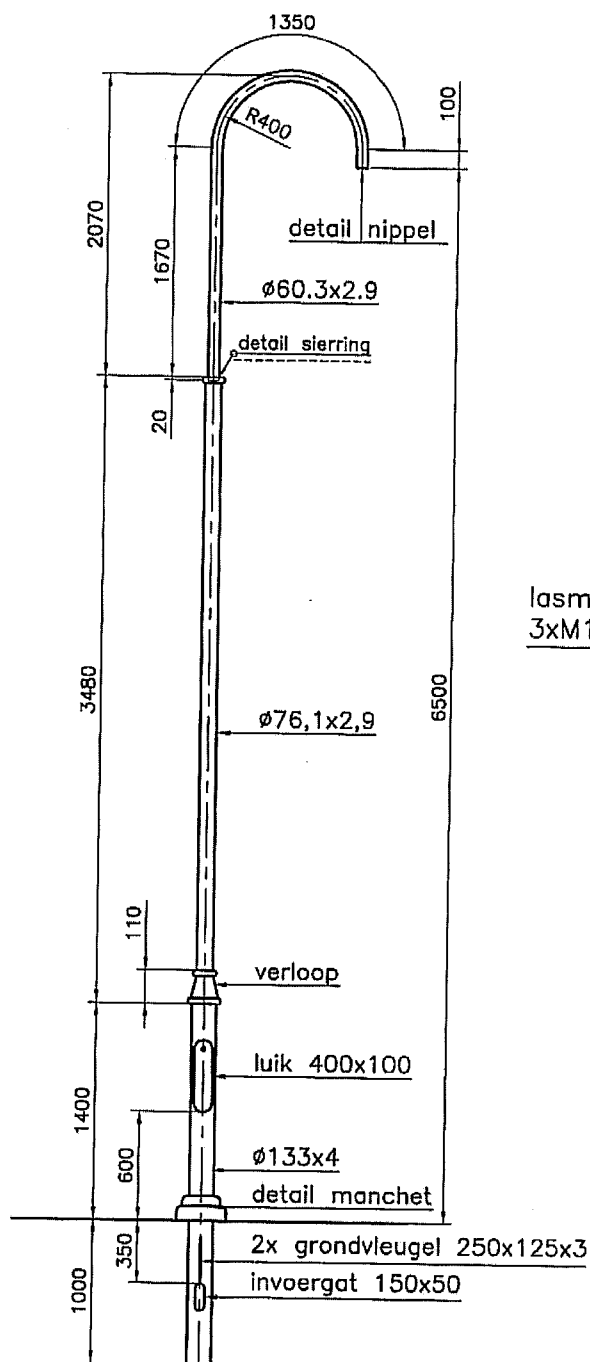
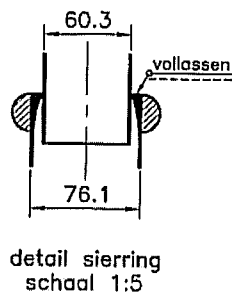
OPPERVLAKTE BEHANDELING:

- THERMISCH VERZINKT VLGS EN ISO 1461.
- GRONDSTUK V.V. POLYESTER-CORROSIEHULS
- POEDERCOATEN MET EEN MINIMALE LAAGDIKTE VAN 80 µm IN DE KLEUR RAL

C	—	—	—	Bijz.:				P.M.F. Machinefabriek Veendam B.V. POSTBUS 290 NL-9640 AG VEENDAM Tel. (+31) 598-613290 Fax. (+31) 598-621089	
B	—	—	—	Schaal:	1: 50	Datum:			
A	—	—	—	Getek.:	PW	05-12-2018			
Wijz. Omschrijving		Datum:	Par:						
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						ARTIKEL NR: 4861-13-PJ			
				TEKENING NR: A4-4861V					WJZ —

Poedercoaten vlgs.
1 laags systeem
kleur: Ral ~~5015~~

6000



artikelnummer: 8941035

DBL Verlichting

Woolderbeekweg 11 7553BZ Hengelo
Tel: 074-2501736 Fax: 074-2501705

opdrachtgever:

project: Design mast + booguitl. lph6,5m

schaal: 1:40

formaat:A4

datum: 17-03-2005

filename: 8112380



GRAPHIS LED

Borne lumineuse
Luminous bollard

Caractéristiques techniques

Matière

Dôme : Fonderie d'aluminium injecté

Corps : Aluminium

Protection : PC traité anti-UV

Forme Protection

Standard : Tubulaire

Finition Protection

Standard : Givrée

Optique

Type : Module LED

Température de couleur : 3500 K ou 5000 K

IRC >75

Puissance Maximum

21 W (700mA)

Flux lumineux : 3500 K : 1000 lm ; 5000 K : 1050 lm

Fixation

Tiges de scellement : Ø10/M8

Dimensions massif préconisées : 0m30 x 0m30 x 0m40

Couleur standard

Aluminium brossé

Technical characteristics

Material

Canopy: Injected cast aluminium

Body: Aluminium

Protection: Anti UV treated PC

Protection Shape

Standard: Tubular

Protection Finish

Standard: Frozen

Optical

Type: LED module

Color temperature: 3500 K or 5000 K

CRI > 75

Maximum Power

21 W (700mA)

Luminous efficiency: 3500 K : 1000 lm ; 5000 K : 1050 lm

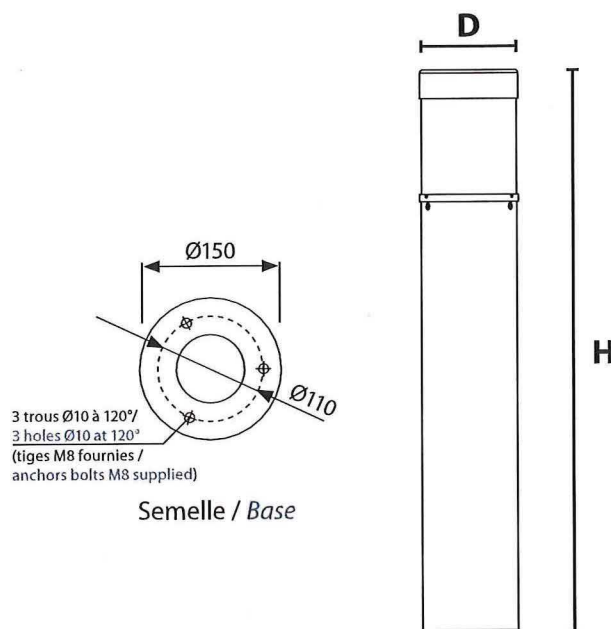
Mounting

Anchor bolts: Ø10/M8

Sealing block size recommended: 0m30 x 0m30 x 0m40

Color Standard

Brushed aluminium



GRAPHIS LED

600

900

1200

Poids (kg) / Weight (kg)4.....6,2.....8,1

Classe électrique2

Electrical class

Indice de protection IP 65

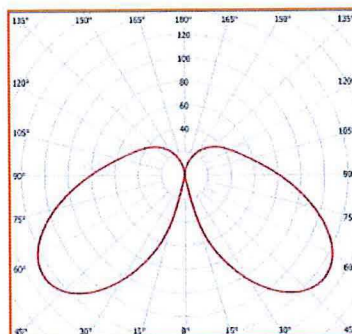
Protection index

Énergie de choc IK 10

Shock resistance

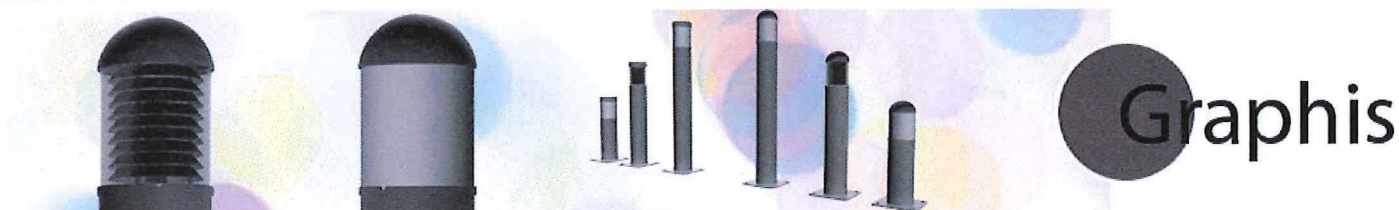
Dimensions (mm)D H.....D H.....D H

Dimensions (mm) 150 600 150 900 150 1200



COMPATIBLE
SOURCE LED

Eligible au
Certificat d'Economie d'Énergie

[Home](#)
News and Info[About Us](#)
Our Company[Our Products](#)
Complete Offer[Technology](#)
Used in our production[Download Zone](#)
Documentation[Contact](#)
Contact Us!

Highlights

- High shock resistance IK 10
- Anti-vandalism protection
- Ideal for housing estates, pathways, parks, etc.
- Tubular body ending with a round head
- All-purpose bollard
- Available in diffused white or clear with stainless steel louver assembly



HERE you can view the technical characteristics of the product
GRAPHIS



Technical characteristics

Materials
Canopy: Injected cast aluminium
Body: Aluminium
Louver: Stainless steel
Protection: Anti UV treated PC
Protection Shape
Standard: Tubular
Protection Finish
Standard: Transparent
Optional: Diffused white
Optical
Type: Louver or LED module
Maximum Power
HPS/MH: 70 W
Fluo: 27 W
LED module: 4 LED
Mounting
Center to center base plate: 200 mm x 200 mm
Color
Color as per the client's choice.

	Graphis 600	Graphis 900	Graphis 1200
Weight (kg)	4	6,2	8,1
Protection index			
Optical unit	IP 65	IP 65	IP 65
Electrical housing	IP 65	IP 65	IP 65
Shock resistance	IK 10	IK 10	IK 10
Size (mm)	D H 150 / 600	D H 150 / 900	D H 150 / 1200

EXAMPLE OF THE APPLICATION OF GRAPHIS MODEL



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Graphis

Ugodna jednostavnost
Comforting simplicity

Jednostavni i efektni, Graphis rasvjetni stupići ispunjavaju sva očekivanja. Mogu se koristiti za osvjetljavanje staza, stambenih naselja, parkova i vrtova. Njihova mala veličina i zaobljeni ili ravni vrh stvaraju dobrohotnu i ugodnu atmosferu, dodatno poboljšanu mekim svjetlom. S transparentnom ili difuznom bijelom cijevi donosi stil sa stavom. Graphis rasvjetni stupić uistinu nudi kompatibilno rješenje za sve vrste rasvjetnih projekata u rezidencijalnim zonama.

Sober and effective, the Graphis bollard lives up to its promises. It can be used for lighting pathways, housing estates, parks and gardens. Its small size and rounded dome or flat top create a benevolent and comforting atmosphere, further enhanced by its soft light. With a transparent or diffused white light, it adopts an assertive style. The Graphis bollard in fact offers a solution compatible with all kinds of lighting plans in residential areas.

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Graphis

Rasvjetni stupići
Bollards



Graphis

Rasvjetni stupići
Bollards

Graphis

Istaknute značajke

- Visoka otpornost na udar IK 10
- Zaštita od vandalizma
- Idealna za stambena naselja, staze, parkove itd.
- Cjevasto tijelo sa zaobljenom glavom
- Rasvjetni stupić za sve namjene
- Nudi se s difuzno bijelim ili prozirnim sklopom s rebrenicama od nehrđajućeg čelika

Tehničke karakteristike

Materijali

Sjenilo: Tlačno lijevani aluminij
Tijelo: Aluminij
Rebrenice: Nehrđajući čelik
Zaštita: PC sa zaštitom od UV zračenja

Oblik zaštite

Standardno: Cjevast

Izvedba zaštite

Standardno: Prozirna
Opcionalno: Difuzno bijelo

Optika

Vrsta: Rebrenice ili LED modul

Maksimalna snaga

VTNa/MH: 70 W

Fluo: 27 W

LED modul: 4 LED

Montaža

Središte prema središtu baze: 200 mm x 200 mm

Boja

Boja po izboru klijenta.

Highlights

- High shock resistance IK 10
- Anti-vandalism protection
- Ideal for housing estates, pathways, parks, etc.
- Tubular body ending with a round head
- All-purpose bollard
- Available in diffused white or clear with stainless steel louver assembly

Technical characteristics

Materials

Canopy: Injected cast aluminium
Body: Aluminium
Louver: Stainless steel
Protection: Anti UV treated PC

Protection Shape

Standard: Tubular

Protection Finish

Standard: Transparent
Optional: Diffused white

Optical

Type: Louver or LED module

Maximum Power

HPS/MH: 70 W

Fluo: 27 W

LED module: 4 LED

Mounting

Center to center base plate: 200 mm x 200 mm

Color

Color as per the client's choice.



+ Bijela difuzna cijev
White diffusion tube

+ Zaobljena kupola
Round dome

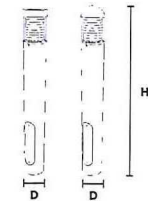
+ Prozirna cijev s rebrenicama od
nehrđajućeg čelika
Transparent tube + stainless steel
louvered light fitting

Električna klasa

1 i 2

Electrical class

1 and 2



Graphis 600	Graphis 900	Graphis 1200
----------------	----------------	-----------------

Težina (kg) / Weight (kg)4.....6,2.....8,1

Stupanj mehaničke zaštite

Protection index

Optička jedinicaIP 65IP 65IP 65

Optical unit

Električno kućišteIP 65IP 65IP 65

Electrical housing

Otpornost na udarIK 10IK 10IK 10

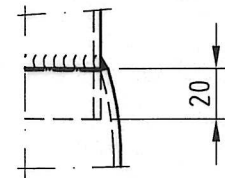
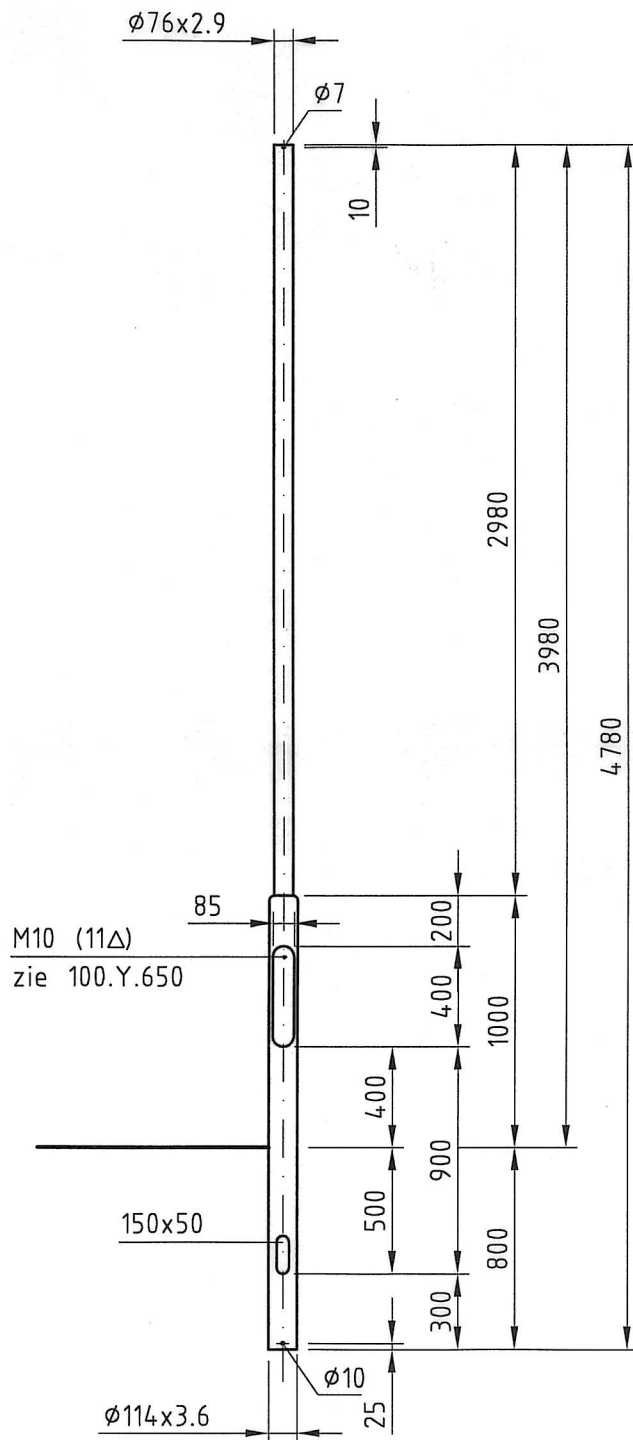
Shock resistance

Dimenzije (mm)

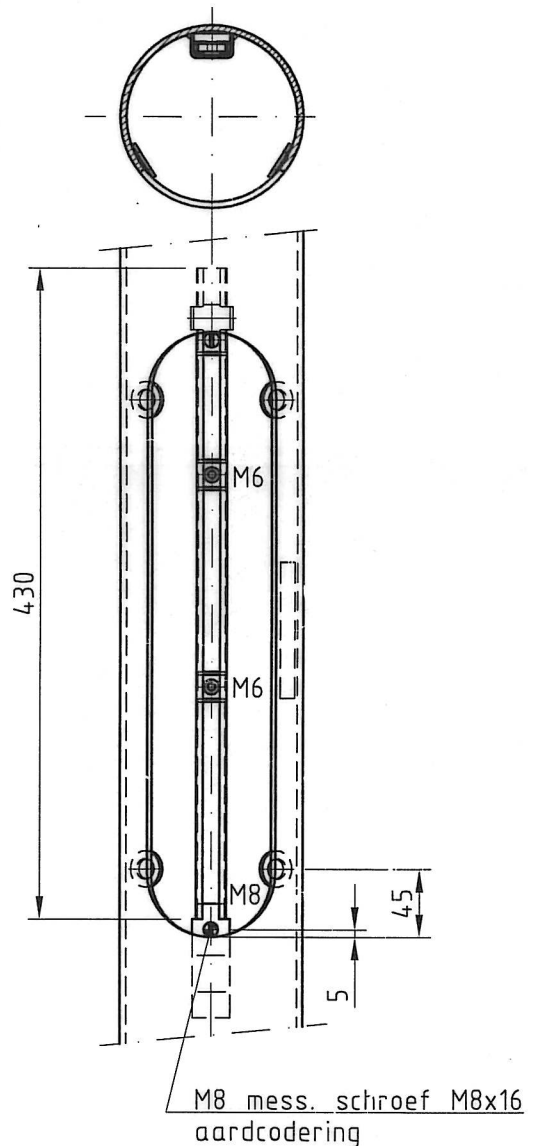
Size (mm) D H D H D H

150 600 150 900 150 1200





DETAIL VERLOOP



DETAIL BINNENWERK

Gew. 34Kg | Opp. 1.41m²

valmont
STRUCTURES

DEN ENGELSMAN 3,
6026RB MAARHEEZE,
TEL: 0495-599959, FAX: 0495-591781
INTERNETADRES: WWW.VALMONT.NL

Omschrijving:

STALEN LICHTMAST H=3.98m

ISO - 9001

Sterkte berekening volgens: EN40 WG.2, KL.2.
MAX. ARMATUUR: M=15Kg, Cxs=1.12m².

Schaal
1:30

Projectie

Toleranties. vlg.	F	
EN 40-2	E	
Overige Tolerantie	D	
ISO 2768-V	C	
Gezien:	B	
Getekend: ctrz	A	
Datum: 20-04-1994	Gewijzigd	Naam
Maateenheid: MM	Bladnr.	1 van 1

Artikelnummer Opmerking(en):

075646

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TEKENINGNUMMER
100.C.105

Form.
A4